

Notice to Activities Associated with the Development of Beatrice Offshore Wind Farm

Date of Issue	30.01.2018	Notice Number	LF000005-NTM-035-Rev01
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Please promulgate the following as a Notice to Mariners:

BOWL Export Cable Laying EC2.2

The installation of two export cables (EC) in the Beatrice Offshore Windfarm construction site will continue with installation of section EC2.2 from South of planned OTM2 and approx.37 km southwards. In this respect the work listed here is due to be carried out as described below starting around 30th January 2018.

1. Contact Details for Marine Coordination

The following contact can provide more information if required. Please note that specific queries can also be addressed to the relevant vessel or shore based representative.

Telephone Number (Day Operations)	+44 (0) 3302 020329
Emergency Contact (24/7)	+44 (0) 7342 028207
Email for Marine Coordinator	MC.Bowl@sse.com
Address	Unit 1 Harbour Office Wick Caithness KW1 5HA

2. Area of Planned Activity

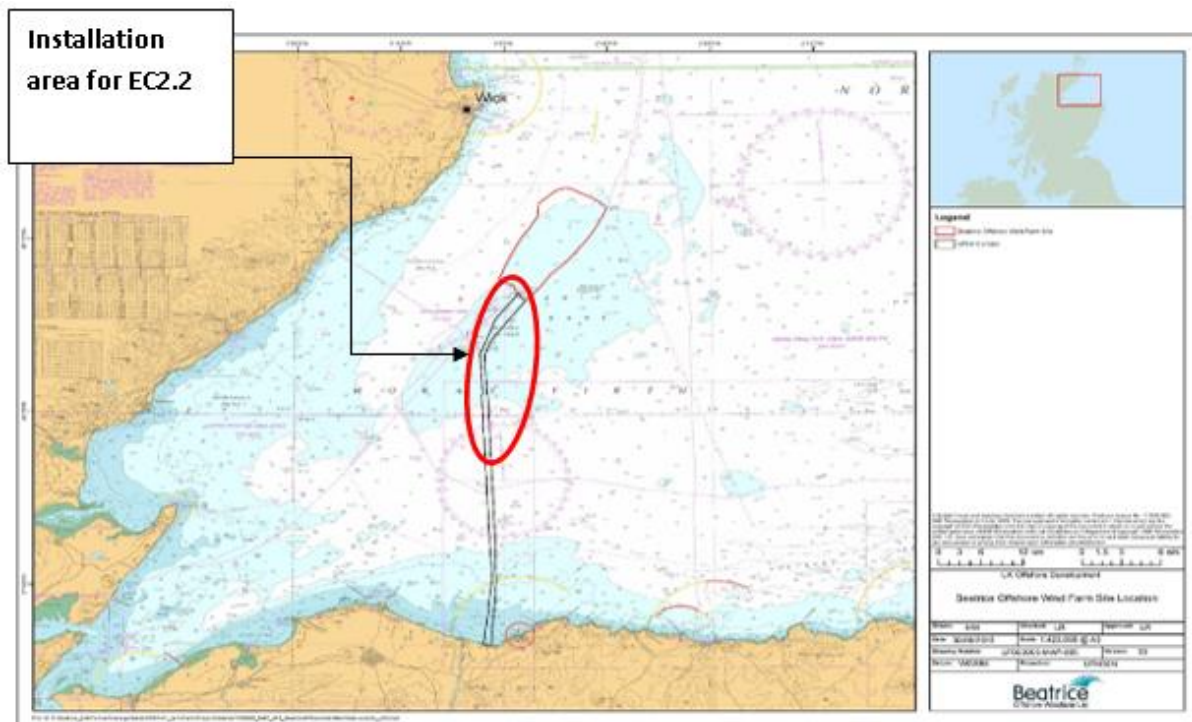


Fig.1 Cable installation location, approximately 33km – 67km from the Portgordon Beach

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Approximate location of cable laydown ends EC2.2	Latitude WGS84	Longitude WGS84
KP 68 on EC2	58° 14.9062' N	2° 54.8284' W
KP 33 on EC2	57° 57.5978' N	3° 2.6611' W

3. Activity Description

On behalf of BOWL, Nexans Norway AS using the cable laying vessel Skagerrak will install the section EC2.2 of an export cable. The work will commence as follows:

- Laying by the Skagerrak from KP68 to KP33

The cable will be temporary laid south of the planned OTM2 for later to be pulled in to through the OTM2 J-tube.

The cable end will be deployed south of the planned OTM2, and the cable will be laid northwards in a curve and then south following the planned cable route.

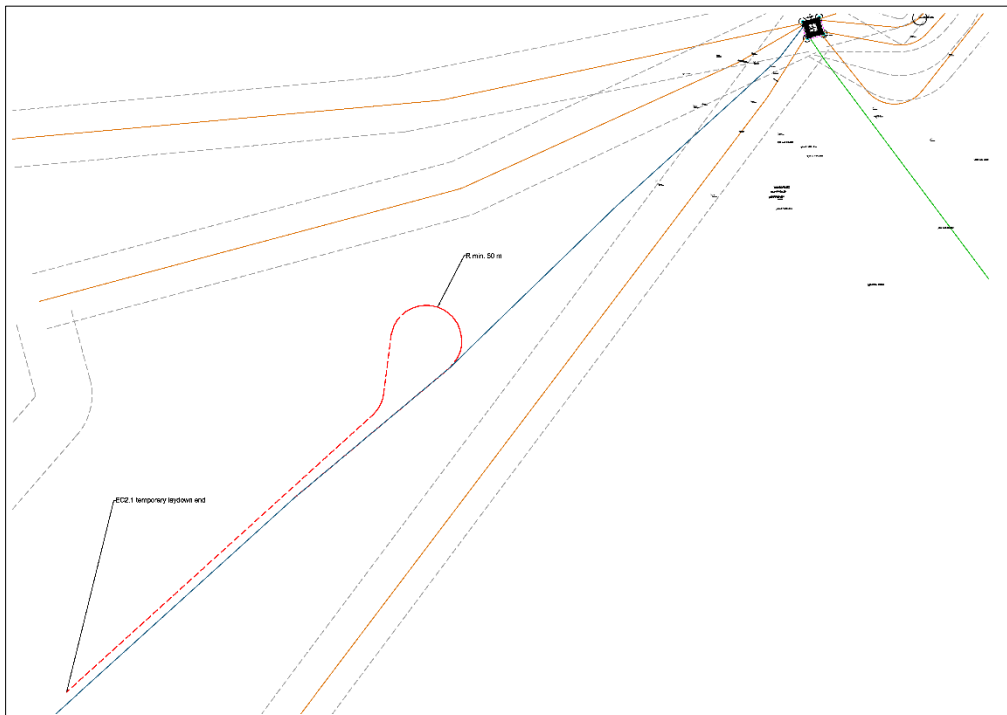


Fig.2 EC2.2 start laying south of OTM2, showing location of cable loop

The second cable end will be laid down on seabed approx. 37 km south of the OTM2

4. Vessels Associated with the Activity

The vessels that are involved with the described operation are the CLV Skagerrak and the guard vessels MV "Seagull" BF74 and MV "Shemarah II" LH65.

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Skagerrak	
General Description and Dimensions:	Cable Layer & Trenching L:99.75m / B:35.41m
Call Sign:	LCEK
MMSI:	257253000
Onshore Representative:	Øyvind Haug BEATRICE Installation Engineering Manager Mob: +47 916 27 674 Office: +47 22 88 65 09



5. Crew transfers

None anticipated.

6. Adverse Weather Conditions

Should adverse weather occur during the trenching, the Skagerrak will cease operation and hold position until suitable working weather returns. The vessel is able to recover the Capjet within around 30 mins and move off station if required.

The operational limits for the trenching are listed in below table:

	Laying
Max Wind Force	15 m/s ¹
Max Wave Height, Hs	3 m ²
Max Surface Current	1.3 m/s
Max Bottom Current	1.3 m/s
Min Surface Visibility	100 m
Min ROV Visibility	2 m

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7. General Safety Advice

All vessels engaged in the construction activity will exhibit appropriate lights and shapes prescribed by the International Regulations for Preventing Collisions at Sea; relative to their operations. All vessels engaged in the activity will also transmit an Automatic Identification System (AIS) message.

Use of Safety Zones within the Beatrice Offshore Windfarm Construction Area:

The Secretary of State for Business, Energy and Industrial Strategy (BEIS) has approved the use of safety zones under the Energy Act 2004 for the installation of wind turbines and offshore transformer module foundations/substructures within the Beatrice Offshore Windfarm. The approval was granted on the 17th March 2017.

The Secretary of State has declared Safety Zones under the following terms: During Construction

- 500 metres radius around each wind turbine, offshore transformer module and/or their substructures and foundations comprising the Beatrice Offshore Wind Farm whilst work is being performed as indicated by the presence of construction vessels.
- It is noted that the 500 metre safety zones will roll with the installation activity with no more than two construction vessels working at any one time. Vessels are advised that anchors associated with the construction vessels may extend outside of the 500 metre safety zone.
- A 50 metres radius around each wind turbine, offshore transformer module and / or their substructure and foundations installed but waiting to be commissioned as part of the Beatrice Offshore Wind Farm.
- Positions of foundations installed will be promulgated within the Weekly Notice of Operations. Only vessels associated with the Beatrice Offshore Wind Farm construction may enter statutory Safety Zones with prior permission.

The duty Guard Vessels and Marine Coordination centre will be responsible for monitoring and policing the Safety Zones; and can be contacted directly for advice.

Further information on the application of Safety Zones can be obtained from the Marine Coordinator. Users are advised to keep clear of construction activities, including Safety Zones, within the Beatrice Offshore Windfarm construction area in line with Marine Guidance Note 372.

ALL VESSELS ARE REQUESTED to give all construction and support vessels a wide berth.

MARINERS ARE REMINDED to navigate with caution and keep continued watch on VHF Ch. 70 / 16 when navigating the area.

8. Dedicated Guard Vessels

The Guard Vessels MV "Seagull" BF74 and MV "Shemarah II" LH65 will be in attendance along the cable route and at the Cable Lay Vessel 'Skagerrak'.

All vessels can be contacted on VHF CH16

9. Fisheries Liaison

Fisheries liaison associated with the activity will be co-ordinated by Brown and May Marine. For any commercial fishery queries please contact: Alex Winrow-Giffin, telephone: +44 (0)1379 872144 and mobile: +44 (0)7760 160039 or email: alex@brownmay.com

NOTICE TO MARINERS



10. Distribution List

The distribution of this notice is as per email recipient's header. A central list of recipients is maintained by the Marine Coordinator; if you are not the appropriate recipient of these notices, or do not wish to receive the notices in the future, please contact us at the address included in Section 1 of this notice.

A copy of this notice can also be found at <https://www.beatricewind.com/>